

# SEARCH REQUEST FORM

## Scientific and Technical Information Center

Requester's Full Name: Eisenzopf, Reinhard Examiner #: 59778 Date: 8/19/02  
 Art Unit: 2602 Phone Number 30 Serial Number: 11/05 0887  
 Mail Box and Bldg/Room Location: PLZ 8A 37 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Re 37,493

<b>STAFF USE ONLY</b>		<b>Type of Search</b>	<b>Vendors and cost where applicable</b>
Searcher:	<u>KetJohnson</u>	NA Sequence (#)	STN _____
Searcher Phone #:	<u>305-41071</u>	AA Sequence (#)	Dialog _____ /
Searcher Location:		Structure (#)	Questel/Orbit _____ /
Date Searcher Picked Up:	<u>8/19/02</u>	Bibliographic	Dr. Link _____
Date Completed:	<u>8/19/02</u>	Litigation	Lexis/Nexis _____ /
Searcher Prep & Review Time:		Fulltext	Sequence Systems _____
Clerical Prep Time:		Patent Family	WWW/Internet _____
Online Time:	<u>15</u>	Other	Other (specify) _____

# Memorandum

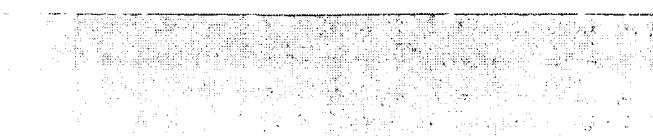
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**To:** Mr. Eisenzopf  
**From:** Kimberly Johnson  
**Date:** 8/19/02  
**Re:** Litigation search request re 37,493

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Attached please find the results of your litigation search. Please feel free to contact me if you have additional questions or concerns. Thank you and have a great day.

Kimberly Johnson  
TIS  
EIC 2600  
305-4071



Query/Command : prt max legalall

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1 / 1 PLUSPAT - ©QUESTEL-ORBIT

PN - USRE37493 E1 20020101 [USRE37493]  
TI - (E1) Localized automatic fire extinguishing apparatus  
PA - (E1) THOMAS ALAN E (US); STEWART HARRY E (US)  
IN - (E1) THOMAS ALAN E (US)  
AP - US13796098 19980820 [1998US-0137960]  
PR - US13796098 19980820 [1998US-0137960]  
US15898993 19931130 [1993US-0158989]  
IC - (E1) G08B-017/12  
PCL - ORIGINAL (O) : 340578000; CROSS-REFERENCE (X) : 169061000 250339150 250342000  
DT - Basic  
CT - US3493953; US3665440; US3689773; US3739365; US3824392; US4553031; US4671362;  
US4800285; US4909329; US5107128  
STG - (E1) Reissue Patent  
AB - An automated fire extinguishing apparatus includes a turret with a nozzle connected to a water supply. A plurality of sensors are used to detect a fire monitored by the apparatus. The signals from the sensors are used to aim the nozzle toward the fire and to initiate water ejection therefrom. After the fire is extinguished the water is turned off.  
UP - 2002-03

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1 / 1 LGST - ©LEGSTAT

PN - US 37493 [USRE37493]  
AP - US 137960/98 19980820 [1998US-0137960]  
DT - US-E  
ACT - 19980820 US/AE-A  
APPLICATION DATA (PATENT)  
US 137960/98 19980820 [1998US-0137960]  
  
20020101 US/E1 [+]  
REISSUE (PRE-GRANT)  
UP - 2002-04

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1 / 1 PAST - ©Thomson Derwent

AN - 200201-001575  
PN - 5548276 A [US5548276]  
OG - 2002-01-01  
ACT - REISSUE PATENT  
RL - USRE37493

&lt;=1&gt; Get Drawing Sheet 1 of 4

January 1, 2002

## Localized automatic fire extinguishing apparatus

APPL-NO: 09137960

FILED-DATE: August 20, 1998

GRANTED-DATE: January 1, 2002

CORE TERMS: sensor, nozzle, driver, turret, scan, housing, comparator, pan, arm, filter ...

## ENGLISH-ABST:

An automated fire extinguishing apparatus includes a turret with a nozzle connected to a water supply. A plurality of sensors are used to detect a fire monitored by the apparatus. The signals from the sensors are used to aim the nozzle toward the fire and to initiate water ejection therefrom. After the fire is extinguished the water is turned off.

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

D 37493

1905

Not Available

GRANTED-DATE: 1905

CORE TERMS:

LEXIS-NEXIS  
Library: PATENT  
File: ALL

Reiker Enter. v. Fan Brace, Inc.

99-1428

**LEXIS-NEXIS**  
**Library: PATENT**  
**File: CASES**

## UNITED STATES COURT OF APPEALS FOR THE FEDERAL CIRCUIT

2000 U.S. App. LEXIS 20881

August 16, 2000, Decided

NOTICE: [\*1] RULES OF THE FEDERAL CIRCUIT COURT OF APPEALS MAY LIMIT CITATION TO UNPUBLISHED OPINIONS. PLEASE REFER TO THE RULES OF THE UNITED STATES COURT OF APPEALS FOR THIS CIRCUIT.

SUBSEQUENT HISTORY: Reported in Table Case Format at: <=1> 2000 U.S. App. LEXIS 37493.

DISPOSITION: Affirmed.

## CASE SUMMARY

PROCEDURAL POSTURE: Plaintiff appealed the judgment of the United States District Court for the Northern District of Georgia which entered judgment in favor of defendants upon a jury verdict finding no patent infringement, and denied plaintiff's motions for judgment as a matter of law and for a new trial, alleging that the trial court improperly construed plaintiff's patent claim for its heavy-duty, expandible junction box hanger.

OVERVIEW: Plaintiff alleged that defendants infringed plaintiff's patent for a heavy-duty, expandible junction box hanger, and defendant asserted that the significant difference in the support structures precluded a finding of infringement. The court held that no functional identity existed in defendant's device since the support structures of defendant's device were not capable of supporting the interconnecting brace means without physically contacting the end

supporting the interconnecting brace means without physically connecting the end portions. Requiring that the brace means be clear of the end portions constituted a functional limitation of the claimed support means and, in view of such claim construction, plaintiff failed to show that the jury's finding that defendant's device was not capable of functioning in the same manner as plaintiff's device was unsupported by substantial evidence. In the absence of such functional identity, there was no infringement.

OUTCOME: Judgment was affirmed; the trial court properly construed plaintiff's patent claim concerning its support structure to constitute a functional limitation, and the jury's subsequent finding of a lack of functional identity between plaintiff's and defendants' devices thus precluded a finding of infringement.

CORE TERMS: hanger, non-removed, brace, ceiling, feet, installed, patent, assembly, junction box, light-weight ...

99-1428

**LEXIS-NEXIS**  
**Library: PATENT**  
**File: CASES**

UNITED STATES COURT OF APPEALS FOR THE FEDERAL CIRCUIT

243 F.3d 557; 2000 U.S. App. LEXIS 37493

August 16, 2000, Decided

NOTICE: [\*1] DECISION WITHOUT PUBLISHED OPINION

37493 OR 37,493

LEXIS-NEXIS  
Library: PATENT  
File: JNLS

Your search request has found no ITEMS.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

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PR Newswire

August 14, 2002, Wednesday

SECTION: FINANCIAL NEWS

DISTRIBUTION: TO BUSINESS EDITOR

LENGTH: 1043 words

HEADLINE: Hub Group, Inc. Announces Results for the Second Quarter Ended June 30, 2002 And the Dial-in Information for its Quarterly Conference Call

DATELINE: LOMBARD, Ill., Aug. 14

BODY:

... Depreciation and amortization of property and equipment	2,535	2,835
Amortization of goodwill	-	1,435
Impairment of property and equipment	-	-
 Total costs and expenses	37,493	40,107
 Operating (loss) income	(897)	5,224
 Other income (expense):		
Interest expense	(2,482)	(2,423)
Interest income ...		

Copyright 2002 Business Wire, Inc.  
Business Wire

August 8, 2002, Thursday

DISTRIBUTION: Business Editors

LENGTH: 8390 words

HEADLINE: Arch Capital Group Ltd. Reports Second Quarter Results

DATELINE: HAMILTON, Bermuda, Aug. 8, 2002, June 30, 2002 , December 31, 2001 , June 30, 2002 , December 31, 2001

... 28,823	26,336	
Deferred income tax asset	18,342	13,716
Deferred acquisition costs	61,803	5,412
Other assets	37,493	18,323
<hr/>	<hr/>	<hr/>
Total Assets	\$2,007,736	\$1,313,701
	<hr/>	<hr/>
Liabilities		
Reserve for losses and loss adjustment expenses	\$266,590	\$113,507
Unearned ...		

37493 OR 37,493

LEXIS-NEXIS  
Library: NEWS  
File: CURNWS

Your search request has found 55 STORIES through Level 1.  
To DISPLAY these STORIES press either the KWIC, FULL, CITE or SEGMENTS key.  
To MODIFY your search request, press the M key (for MODFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

1. PR Newswire, August 14, 2002, Wednesday, FINANCIAL NEWS, 1043 words, Hub Group, Inc. Announces Results for the Second Quarter Ended June 30, 2002 And the Dial-in Information for its Quarterly Conference Call, LOMBARD, Ill., Aug. 14
2. Business Wire, August 8, 2002, Thursday, 8390 words, Arch Capital Group Ltd. Reports Second Quarter Results, HAMILTON, Bermuda, Aug. 8, 2002, June 30, 2002 , December 31, 2001 , June 30, 2002 , December 31, 2001
3. PR Newswire, June 27, 2002, Thursday, FINANCIAL NEWS, 4398 words, Liberate Announces Fourth Quarter Results; Quarterly Pro Forma Net Loss Per Share of \$0.06 Meets First Call Estimates, SAN CARLOS, Calif., June 27
4. Business Wire, June 10, 2002, Monday, 2128 words, Novel Denim Holdings Limited Announces Fiscal 2002 Fourth Quarter and Year End Results, HONG KONG, June 10, 2002
5. Business Wire, May 7, 2002, Tuesday, 4367 words, Versatel Announces First Quarter 2002 Results, AMSTERDAM, The Netherlands, May 7, 2002, March 31, 2002 , March 31, 2002 , March 31, 2002 , March 31, 2002
6. The Spokesman-Review (Spokane, Wa.), May 7, 2002 Tuesday Spokane Edition, BLOOMSDAY 2002; Pg.11, 8618 words, Bloomsday List of Finishers, Letter E
7. The Daily News (New Plymouth), April 26, 2002, Friday, RACING, Pg. 18, 1598 words, Danceinthesun 'forgotten achiever', BIRD Tony
8. The Canberra Times, March 23, 2002 Saturday, Pg. 1, 984 words, Like water off a lame-duck PM's back
9. St. Louis Post-Dispatch, March 14, 2002 Thursday Five Star Lift Edition, WEST POST; Pg. 1, 1154 words, POSITION OF CITY ADMINISTRATOR IS KEY ISSUE IN SHREWSBURY MAYORAL RACE ; INCUMBENT CITES NEED FOR PROFESSIONAL; CHALLENGER WANTS SIMPLER GOVERNMENT, Phil Sutin Of The Post-Dispatch
10. Electric Utility Week (formerly Electrical Week), March 4, 2002, Pg. 15, 748 words, North American Electric Reliability Council (NERC)
11. AAP Company News, February 26, 2002, Tuesday, 4696 words, FWD - Half

10. Electric Utility Week (Formerly Electrical Week), March 4, 2002, Pg. 15,  
748 words, North American Electric Reliability Council (NERC)

11. AAP Company News, February 26, 2002, Tuesday, 4696 words, FWD - Half  
Yearly Report

12. PR Newswire, February 20, 2002, Wednesday, FINANCIAL NEWS, 2198 words,  
Land O'Lakes 2001 Results Combine Performance, Strategic Growth and Market  
Momentum, MINNEAPOLIS, Feb. 20

13. PR Newswire, February 13, 2002, Wednesday, FINANCIAL NEWS, 2088 words,  
Garmin Reports Record Fourth Quarter and 11th Consecutive Year of Record Revenue  
CAYMAN ISLANDS, Feb. 13

14. The Canberra Times, February 8, 2002 Friday, Pg. 28, 421 words, Penaia a  
real giant of league, Karl deKroo

15. PR Newswire, February 5, 2002, Tuesday, FINANCIAL NEWS, 2866 words, MKS  
Instruments Reports Fourth Quarter and Full Year 2001 Results, ANDOVER, Mass.,  
Feb. 5

16. Statistical Report, December 27, 2001, Thursday, 1900 words, RUSSIAN  
MONETARY SYSTEM AT BEGINNING OF NOVEMBER 2001

17. The Sports Network, October 7, 2001 Sunday, Major League Baseball  
(Statistics), 628 words, 2001 St. Louis Cardinals Attendance; (Complete through  
Sunday, October 7th)

18. The Sports Network, October 6, 2001 Saturday, Major League Baseball  
(Statistics), 613 words, 2001 St. Louis Cardinals Attendance; (Complete through  
Friday, October 5th)

19. The Sports Network, October 6, 2001 Saturday, Major League Baseball  
(Statistics), 620 words, 2001 St. Louis Cardinals Attendance; (Complete through  
Saturday, October 6th)

20. The Sports Network, September 30, 2001 Sunday, Major League Baseball  
(Statistics), 605 words, 2001 St. Louis Cardinals Attendance; (Complete through  
Sunday, September 30th)

20: The Sports Network, September 30, 2001 Sunday, Major League Baseball (Statistics), 605 words, 2001 St. Louis Cardinals Attendance; (Complete through Sunday, September 30th)

21. The Sports Network, September 29, 2001 Saturday, Major League Baseball (Statistics), 597 words, 2001 St. Louis Cardinals Attendance; (Complete through Saturday, September 29th)

22. The Sports Network, September 28, 2001 Friday, Major League Baseball (Statistics), 589 words, 2001 St. Louis Cardinals Attendance; (Complete through Friday, September 28th)

23. The Sports Network, September 28, 2001 Friday, Major League Baseball (Statistics), 590 words, 2001 St. Louis Cardinals Attendance; (Complete through Friday, September 28th)

24. The Sports Network, September 25, 2001 Tuesday, Major League Baseball (Statistics), 582 words, 2001 St. Louis Cardinals Attendance; (Complete through Tuesday, September 25th)

25. The Sports Network, September 19, 2001 Wednesday, Major League Baseball (Statistics), 582 words, 2001 St. Louis Cardinals Attendance; (Complete through Wednesday, September 19th)

26. AAP Company News, September 17, 2001, Monday, 2371 words, FWD - Preliminary Final Report

27. AAP NEWSFEED, September 17, 2001, Monday, Nationwide General News; Finance Wire, 2170 words, FWD

28. Statistical Report, September 13, 2001, Thursday, 1809 words, RUSSIAN MONETARY SYSTEM AT BEGINNING OF AUGUST 2001

29. XINHUA ECONOMIC NEWS SERVICE, July 31, 2001, Tuesday, ECONOMIC & TECHNICAL NEWS; ECONOMIC, 322 words, s Export to Hong Kong in May, BEIJING, July 31

30. The Wichita Eagle, July 29, 2001 Sunday MAIN EDITION, BUSINESS & MONEY; Pg. 7C, 1780 words, BANKRUPTCIES

31. PR Newswire, July 25, 2001, Wednesday, FINANCIAL NEWS, 3861 words, Energen Reports 120% Increase in 3rd Quarter Results; Diversified Energy Company Sees

37. The Oregonian, April 26, 2001 Thursday, SUNRISE EDITION, EAST ZONER;, Pg. 04, 2710 words, ACTIVITY CALENDAR EVENTS,

38. Business Wire, April 18, 2001, Wednesday, 1707 words, MiniMed Inc. Announces Record First Quarter Results, NORTHRIDGE, Calif., April 18, 2001

39. Business Wire, April 16, 2001, Monday, 2371 words, The Credit Store, Inc. Reports Third Quarter Profit; First Quarterly Profit Without Securitization Gains YTD Credit Card Originations Increase 89.5 %, SIOUX FALLS, S.D., April 2001

40. Statistics of Income. SOI Bulletin, March 22, 2001, No. 4, Vol. 20; Pg. 46 ; ISSN: 0730-0743, 125548 words, S Corporation Returns, 1998; Statistical Data Included, Wittman, Susan

41. PR Newswire, March 5, 2001, Monday, FINANCIAL NEWS, 2679 words, CT Communications Announces 2000 Earnings, CONCORD, N.C., March 5

42. Business Wire, January 24, 2001, Wednesday, 2415 words, LAUNCH Reports Fourth Quarter, Full-Year Financial Results, SANTA MONICA, Calif., Jan. 24, 2001

43. Business Wire, January 24, 2001, Wednesday, 3412 words, Statia Terminals Group Announces Fourth Quarter and Year End 2000 Results, ST. EUSTATIUS, Netherlands Antilles, Jan. 24, 2001

44. Business Wire, January 24, 2001, Wednesday, 2331 words, Statia Terminals International Announces Fourth Quarter and Year End 2000 Results; Full Year Adjusted Indenture EBITDA of \$30.5 million is 11% Lower Than 1999, ST. EUSTATIUS, Netherlands Antilles, Jan. 24, 2001

45. AP Online, December 8, 2000; Friday, Sports, 402 words, Beaver Jumps From 12th To Second, LAS VEGAS

46. The Associated Press State & Local Wire, December 8, 2000, Friday, BC cycle, Sports News, 404 words, Beaver jumps from 12th to second in all-around, LAS VEGAS

47. The Associated Press, December 8, 2000, Friday, BC cycle, Sports News, 405 words, Beaver jumps from 12th to second in all-around, LAS VEGAS

44. Business Wire, January 22, 2001, Wednesday, 2331 words, State Terminals International Announces Fourth Quarter and Year End 2000 Results; Full Year Adjusted Indenture EBITDA of \$30.5 million is 11% Lower Than 1999, ST. EUSTATIUS, Netherlands Antilles, Jan. 24, 2001

45. AP Online, December 8, 2000; Friday, Sports, 402 words, Beaver Jumps From 12th To Second, LAS VEGAS

46. The Associated Press State & Local Wire, December 8, 2000, Friday, BC cycle, Sports News, 404 words, Beaver jumps from 12th to second in all-around, LAS VEGAS

47. The Associated Press, December 8, 2000, Friday, BC cycle, Sports News, 405 words, Beaver jumps from 12th to second in all-around, LAS VEGAS

48. Calgary Herald, December 8, 2000 Friday, 892 words, Fired-up O'Neill hits the top: Water Valley bronc rider splits first place, Dwayne Erickson, Calgary Herald, LAS VEGAS

49. The Houston Chronicle, December 08, 2000, Friday, 3 STAR EDITION, SPORTS;, Pg. 16, 610 words, Sports notebook, JOE RUTLAND; Compiled by Joe Rutland

50. The Associated Press State & Local Wire, November 8, 2000, Wednesday, BC cycle, Political News, 170 words, (AP) 11-08-00 00:02,,, District Court Retain Wolverton

51. Business Wire, October 18, 2000, Wednesday, 13606 words, Chase Manhattan Reports Third Quarter Results, NEW YORK, Oct. 18, 2000

52. Business Wire, October 17, 2000, Tuesday, 4239 words, CYPRESS Q300 Records: Revenue, \$356.2 million; Earnings, EBG \$0.70 per share; Bookings, \$428 million, SAN JOSE, Calif., October 17, 2000

53. AP Online, October 3, 2000; Tuesday, Financial pages, 529 words, New York Exchange Prices A-C, NEW YORK

54. Sydney Morning Herald, September 11, 2000, Business; Pg.37, 687 words, NRMA's Millionaire Executives

55. The Regulatory News Service, September 5, 2000 Tuesday, 3929 words, Meggitt PLC - Interim Results

13467156

Basic Patent (No,Kind,Date): US 5548276 A 19960820 <No. of Patents: 003>

**LOCALIZED AUTOMATIC FIRE EXTINGUISHING APPARATUS Localized automatic fire extinguishing apparatus (English)**

Patent Assignee: THOMAS ALAN E (US)

Author (Inventor): THOMAS ALAN E (US)

National Class: \*340578000; 169061000; 250339150; 250342000

IPC: \*G08B-017/12;

Derwent WPI Acc No: \*G 96-392760; G 96-392760

Language of Document: English

Patent Family:

Patent No	Kind	Date	Applc No	Kind	Date
US 5548276	A	19960820	US 158989	A	19931130 (BASIC)
US 37493	E1	20020101	US 137960	A	19980820
WO 9703425	A1	19970130	WO 95US8673	A	19950712

Priority Data (No,Kind,Date):

US 158989 A 19931130

WO 95US8673 W 19950712

US 137960 A 19980820

US 158989 A5 19931130

WO 95US8673 A 19950712

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